

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20070262124"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/07 18:08
S2	4	US-3109914-\$.DID. OR EP-0299358-\$.DID. OR EP-19890118-\$.DID. OR DE-19940120-\$.DID. OR EP-0713746-\$.DID. OR EP-19960529-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/07 18:15
S6	5	JP-2000000612-\$.DID. OR DE-4022062-\$.DID. OR DE-19852462-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/07 18:21
S7	4	US-3109914-\$.DID. OR EP-0299358-\$.DID. OR EP-19890118-\$.DID. OR DE-19940120-\$.DID. OR EP-0713746-\$.DID. OR EP-19960529-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:03
S8	5	JP-2000000612-\$.DID. OR DE-4022062-\$.DID. OR DE-19852462-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:16
S9	5	EP-2004010670-\$.DID. OR JP-2000000612-\$.DID. OR DE-4022062-\$.DID. OR DE-19852462-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:19

S10	2	EP-0299358-\$.DID. OR DE-9314720-\$.DID. OR US-3109914-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:19
S11	22	JP-2000000612-\$.DID. OR DE-4022062-\$.DID. OR DE-19852462-\$.DID. OR DE-59904484-\$.DID. OR DE-59904484D1-\$.DID. OR US-1128916-\$.DID. OR WO-0029138-\$.DID. OR EP-1128916-\$.DID. OR US-2194525-\$.DID. OR EP-0299358-\$.DID. OR DE-3723611-\$.DID. OR US-1904088-\$.DID. OR US-1300690-\$.DID. OR DE-3867344-\$.DID. OR DE-3867344D-\$.DID. OR US-2028195-\$.DID. OR US-3003589-\$.DID. OR JP-1057992-\$.DID. OR JP-2622271-\$.DID. OR KR-9709003-\$.DID. OR US-4872940-\$.DID. OR DE-9314720-\$.DID. OR US-3109914-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:19
S12	1	("4733815").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/13 08:12
S13	3797	(219/121.63,121.81,121.82,121.84,121.64,121.66,121.78).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/13 11:05
S14	173	S13 and (butt welding)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/13 11:06
S15	165	S14 and (sheets or laser beam or tension rollers)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/13 11:07
S16	1357	(228/212,4.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/13 11:12
S17	52	S16 and (butt welding)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/13 11:12
S18	27	S17 and (sheets or laser beam or tension rollers)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/13 11:13
S19	3940	(219/121.63,121.81,121.82,121.84,121.64,121.66,121.78).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 18:13
S20	179	S19 and (butt welding)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/15 18:13
S21	3	S20 and (tension rollers)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/15 18:13
S22	1371	(228/212,4.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 18:14
S23	52	S22 and (butt welding)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/15 18:14
S24	1	S23 and (tension rollers)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/15 18:14

S25	908	(156/379.8,272.8304.6,379.9,380.9,544.).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 18:15
S26	908	(156/379.8,272.8304.6,379.9,380.9,544.).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 18:16
S27	13	S26 and (tension rollers)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/15 18:16
S28	12263	(butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/15 18:21
S29	7	S28 and (tension rollers)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/15 18:21
S30	12	S28 and (tension rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/15 18:21
S31	167081	B23K	EPO; JPO; DERWENT	ADJ	ON	2009/12/15 18:29
S32	2891	S31 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/15 18:30
S33	2	S32 and (tension rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/15 18:30

S34	157	S32 and (rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/15 18:31
S35	1	("7307235").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 18:33
S36	5732	(219/121.63,121.81,121.82,121.84,121.64,121.66,121.78).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/16 09:41
S37	258	S36 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 09:42
S38	3	S37 and (tension rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 09:42
S39	6	S36 and (tension rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 09:52
S40	1514	(228/212,4.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/16 10:02

S41	60	S40 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 10:02
S42	26	S41 and (tension rollers or height or adjust\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 10:03
S43	264	(219/57).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/16 10:19
S44	61	S43 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 10:20
S45	29	S44 and (tension rollers or height or adjust\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 10:20
S46	31	S44 and (tension rollers or height or adjust\$3 or thick\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 10:21
S47	37	S44 and (tension or rollers or height or adjust\$3 or thick\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 10:26

S48	37	S44 and (tension or rollers or height or adjust\$3 or thick\$4 or wheel\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 10:27
S50	8	S43 and (bonding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 10:33
S51	594	(219/56).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/16 10:33
S52	15	S51 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 10:34
S54	1521	(228/144,44.3,49.4).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/16 11:00
S55	68	S54 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 11:01
S56	839091	"124" and (tension or rollers or height or adjust\$3 or thick\$4 or wheel\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 11:01

S57	306	S51 and (tension or rollers or height or adjust\$3 or thick\$4 or wheel\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 11:03
S58	56	S55 and (tension or rollers or height or adjust\$3 or thick\$4 or wheel\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 11:03
S59	17440	(tension rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 14:24
S60	12	S59 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 14:25
S61	1871	(228/5.7,13,15.1,173.7,44.3,49.4).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 15:09
S62	2125	(228/5.7,13,15.1,173.7,44.3,49.4).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/16 15:09
S63	119	S62 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 15:09

S64	106	S63 and (tension or rollers or height or adjust\$3 or thick\$4 or wheel\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 15:09
S65	1786	(228/151,158,166,168,173.6,235.2).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/16 16:11
S66	121	S65 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:11
S68	39	S66 and (rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:12
S70	157	S65 and (tension)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:12
S71	20	S66 and (tension)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:13
S72	211	(226/84,85,13).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/18 07:59

S73	3	S72 and (tension rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/18 08:00
S74	103	S72 and (rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/18 08:01
S76	1	S72 and (weld\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/18 08:02
S77	1	("7307235").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/18 08:21
S78	7	("20060151441" "2036041" "2892921" "3265277").PN. OR ("7307235"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/18 09:46
S79	2	(butt welding flat metal sheet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/18 15:04
S80	7	(tension rollers near height)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/18 15:16
S81	1521	(228/144,44.3,49.4).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/18 15:20
S82	68	S81 and (butt welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/18 15:21

S83	251	S81 and (roller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/18 15:22
S84	27	S82 and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/18 15:23
S85	24	S84 and (upper or lower or tension or thick)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/18 15:24
S86	5	("7307235").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/29 11:42
S87	7	("20060151441" "2036041" "2892921" "3265277").PN. OR ("7307235").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/29 11:49
S88	31	("2958367" "4152573" "4237363" "4713519" "4733815").PN. OR ("4872940").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/29 11:51
S89	28	S88 and (upper or lower or tension or thick oe adjust\$3 or height)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 12:07
S92	30	S88 and (upper or lower or tension or thick\$4 or adjust\$3 or height or rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 12:21
S93	8	("4872940" "5205468").PN. OR ("5550345").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/29 15:05

S94	8	S93 and (upper or lower or tension or thick\$4 or adjust\$3 or height or rollers or pairs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 15:06
S95	3	(butt weld\$3 sheet with rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 15:15
S96	3	(butt weld\$3 sheet with roller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 15:15
S97	3	("4872940" "5205468" "5550345").PN. OR ("5977511").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/29 15:18
S98	4	(butt weld\$3 metal sheet with rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 15:20

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